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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KURT, Ralph** [DE/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). **HENDRIKS, Robert** [NL/NL]; c/o Société Civile SPID, 156 Bd Haussmann,

F-75008 Paris (FR). **BAKKER, Levinus** [NL/NL]; c/o Société Civile SPID, 156 Bd Haussmann, F-75008 Paris (FR).

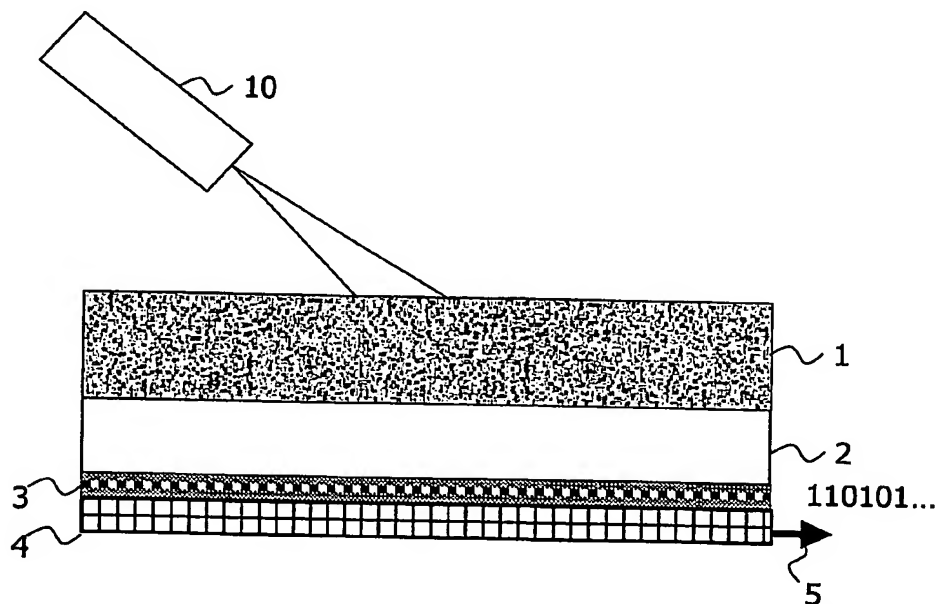
(74) Agent: **ROCHE, Denis**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

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(54) Title: SYSTEM FOR COPY PROTECTION OF AN INFORMATION CARRIER



(57) Abstract: The present invention relates to a system for copy protection of an information carrier, said system comprising a diffractive layer for delivering a speckle pattern when illuminated by a light source, a spatial filter, which is aligned with respect to the diffractive layer, for delivering a filtered optical signal from the speckle pattern and a detector array for delivering, when illuminated by said filtered optical signal, an electrical signal. Said system further comprises means for computing a cryptographic key from the electrical signal, and means for decrypting encrypted data contained in the information carrier from the cryptographic key. It finds its application in copy protection of content carriers such as optical discs or in smart cards.

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